



2015

DRIVE YOUR COUNTY TO THE TOP TEN:

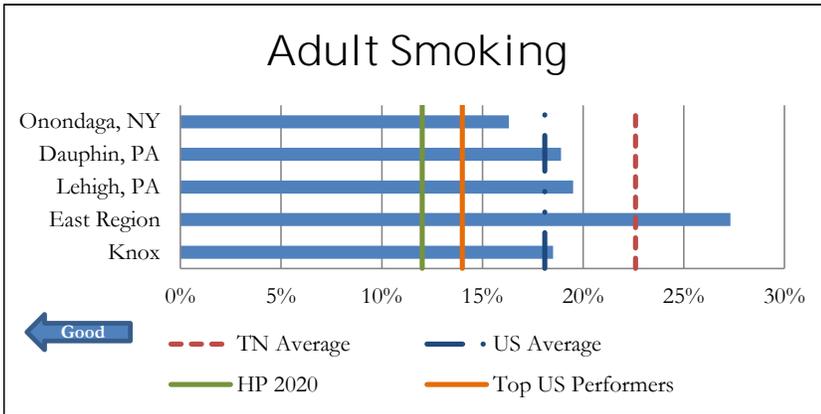
Accelerating Action Towards Improving County Health

Knox County



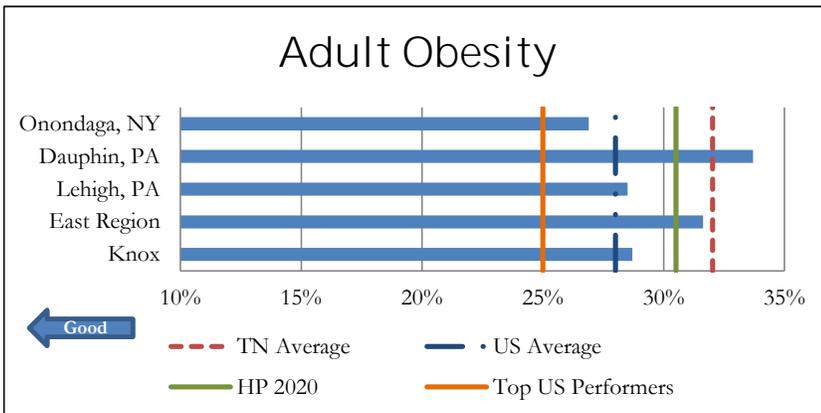
Demographics

Population:	444,622	<18 YOA:	21.52%	65+ YOA:	14.10%	% Rural:	10.92%
Unemployment:	6.62%	% Females:	51.40%	% Males:	48.60%	Graduation Rate:	89.80
Single parent households:	28.94%	MHI:	\$49,105				



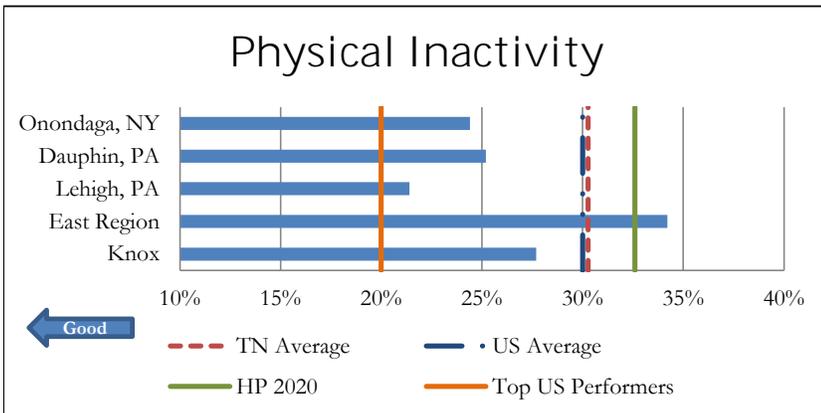
Top Third

Measure	Value
Mental Health Providers	313:1
Some College	70.86%
Primary Care Physicians	877:1
Preventable Hospital Stays	49.14
Physical Inactivity	27.70%
Children in Poverty	20.30%
Long Commute - Driving Alone	22.30%
Adult Obesity	28.70%
Teen Births	33.83
Unemployment	6.62%



Middle Third

Measure	Value
Children in Single-Parent Households	28.94%
Poor Mental Health Days	3.60
Low Birthweight	8.78%
Driving Alone to Work	85.38%
Income Inequality	4.72



Bottom Third

Measure	Value
Drinking Water Violations	24.09%
Violent Crime	541.68
Alcohol-Impaired Driving Deaths	35.11%
Sexually Transmitted Infections	433.50
Food Environment Index	6.90
High School Graduation	89.80%
Severe Housing Problems	14.47%

YOA: Years of Age. MHI: Median Household Income. HP 2020: Healthy People 2020 Goal. Adult Smoking: Percentage of adults who are current smokers. Source: Behavioral Risk Factor Surveillance System; 2006-2012. Adult Obesity: Percentage of adults that report a BMI of 30 or more. Source: CDC Diabetes Interactive Atlas; 2011. Physical Inactivity: Percentage of adults aged 20 and over reporting no leisure-time physical activity. Source: CDC Diabetes Interactive Atlas; 2011. Prepared by the Division of Policy, Planning and Assessment, Office of Performance Management, Tennessee Department of Health. Nashville, TN. opm.health@tn.gov or 615-741-5001.



Health Outcomes	Length of Life	Premature Death								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		11	Lewis	7888.96	7769.75	119.21	↑Bad ↓Good	6,811.00	Lehigh, PA	6001.25
		For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Dauphin, PA	6771.05
		Source		National Center for Health Statistics - Mortality files			Year(s)	2010-2012	Onondaga, NY	5833.35
	Quality of Life	Poor or Fair Health								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		11	Putnam	16.70%	16.60%	0.10%	↑Bad ↓Good	12.40%	Lehigh, PA	12.10%
		Improve the health of 1 out of every 100 people in the county who, in general, report being in poor or fair health.							Dauphin, PA	12.80%
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2006-2012	Onondaga, NY	13.10%
	Quality of Life	Poor Physical Health Days*								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		22	Chester	4.10	3.40	0.70	↑Bad ↓Good	3.70	Lehigh, PA	3.50
		Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Dauphin, PA	3.50
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2006-2012	Onondaga, NY	3.30
	Quality of Life	Poor Mental Health Days								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		37	Henderson	3.60	2.80	0.80	↑Bad ↓Good	3.50	Lehigh, PA	3.40
		Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Dauphin, PA	4.00
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2006-2012	Onondaga, NY	3.70
	Quality of Life	Low Birthweight								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		50	Lewis	8.78%	7.29%	1.49%	↑Bad ↓Good	8.10%	Lehigh, PA	8.33%
		Reduce the number of low birth weight babies by 2 for every 100 live births.							Dauphin, PA	9.20%
		Source		National Center for Health Statistics - Natality files			Year(s)	2006-2012	Onondaga, NY	7.88%
Health Factors	Health Behaviors	Adult Smoking								
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		10	Haywood	18.50%	17.30%	1.20%	↑Bad ↓Good	18.10%	Lehigh, PA	19.50%
		Get 7 out of every 100 current adult smokers in the county to quit smoking.							Dauphin, PA	18.90%
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2006-2012	Onondaga, NY	16.30%
		Percentage of adults who are current smokers								
	Health Behaviors	Adult Obesity								
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		7	Loudon	28.70%	28.00%	0.70%	↑Bad ↓Good	28.00%	Lehigh, PA	28.50%
		Get 3 out of every 100 current obese adults in the county to reduce their BMI below 30.							Dauphin, PA	33.70%
		Source		CDC Diabetes Interactive Atlas			Year(s)	2011	Onondaga, NY	26.90%
	Health Behaviors	Food Environment Index								
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		67	Williamson	6.90	8.9	2	↑Good ↓Bad	7.60	Lehigh, PA	7.90
		Increase the county's food index score by 2.							Dauphin, PA	6.70
		Source		USDA Food Environment Atlas, Map the Meal Gap			Year(s)	2012	Onondaga, NY	7.80

Prepared by the Division of Policy, Planning and Assessment, Office of Performance Management, Tennessee Department of Health, Nashville, TN. April 2015. opm.health@tn.gov or 615-741-5001. The full report can be accessed at: <http://health.tn.gov/statistics/specialprojects.htm>. All data is from the University of Wisconsin Population Health Institute and Robert Wood Johnson Foundation's, 2015 *County Health Rankings and Roadmaps* report. Difference statements represent the absolute value using the following formula: ["Value" - "10th Ranked Value"]. The action statements are based on the assumption that no new additional cases occur. All rankings and action statements presented in this report must be interpreted with caution due to various limitations of each measurement. Further information with regards to the strengths and limitations of each measurement may be found by clicking the hyperlink found in the description of each measurement.

Health Factors

Health Behaviors

Physical Inactivity	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	6	Chester	27.70%	25.90%	1.80%	↑Bad ↓Good	30.00%	Lehigh, PA	21.40%
Percentage of adults aged 20 and over reporting no leisure-time physical activity Get 7 out of every 100 currently physically inactive adults to exercise during leisure time.								Dauphin, PA	25.20%
Source			CDC Diabetes Interactive Atlas		Year(s)		2011	Onondaga, NY	24.40%
Access to Exercise Opportunities	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	11	Loudon	77.57%	78.50%	0.94%	↑Good ↓Bad	77.00%	Lehigh, PA	88.48%
Percentage of population with adequate access to locations for physical activity Consider how to remove barriers to access exercise locations to reach an additional 0.94 percent of the county's population.								Dauphin, PA	89.66%
Source			Business Analyst, Delorme, ESRI, & US Census Tigerline Files		Year(s)		2010 & 2013	Onondaga, NY	92.22%
Excessive Drinking	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	20	Greene	10.10%	3.30%	6.80%	↑Bad ↓Good	15.00%	Lehigh, PA	17.80%
Percentage of adults reporting binge or heavy drinking Get 68 out of every 100 adults in the county that currently drink to excess (binge and heavy drinkers) to stop drinking more than one (women) or two (men) drinks per day on average.								Dauphin, PA	17.80%
Source			Behavioral Risk Factor Surveillance System		Year(s)		2006-2012	Onondaga, NY	18.60%
Alcohol-Impaired Driving Deaths	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	71	McNairy	35.11%	18.75%	16.36%	↑Bad ↓Good	32.00%	Lehigh, PA	37.25%
Percentage of driving deaths with alcohol involvement Reduce the number of alcohol related driving deaths by 16.36 percent.								Dauphin, PA	33.78%
Source			Fatality Analysis Reporting System		Year(s)		2009-2013	Onondaga, NY	32.70%
Sexually Transmitted Infections	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	71	Scott	433.50	144.30	289.20	↑Bad ↓Good	458.00	Lehigh, PA	440.80
Number of newly diagnosed chlamydia cases per 100,000 population Consider ways to educate 7 out of every 10 persons self-reporting to be involved in any sexual contact to commit to using safe sex practices to prevent the infection of Chlamydia.								Dauphin, PA	596.70
Source			National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention		Year(s)		2012	Onondaga, NY	540.60
Teen Births	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	7	Washington	33.83	33.13	0.70	↑Bad ↓Good	31.00	Lehigh, PA	34.80
Teen birth rate per 1,000 female population, ages 15-19 For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 3 teen(s) from becoming pregnant.								Dauphin, PA	38.78
Source			National Center for Health Statistics - Natality files		Year(s)		2006-2012	Onondaga, NY	27.20

Clinical Care

Uninsured	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	11	Blount	14.80%	14.64%	0.16%	↑Bad ↓Good	18.00%	Lehigh, PA	13.56%
Percentage of population under age 65 without health insurance Get 2 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.								Dauphin, PA	11.56%
Source			Small Area Health Insurance Estimates		Year(s)		2012	Onondaga, NY	9.64%
Primary Care Physicians	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	5	Washington	877:1	596:1	281	↑Bad ↓Good	1,355.00	Lehigh, PA	1045:1
Ratio of population to primary care physicians To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 240 primary care providers would need to be recruited to the county. More importantly, if the county's value is greater than 3,500, this county would be considered a Health Professional Shortage Area.								Dauphin, PA	1124:1
Source			Area Health Resource File/American Medical Association		Year(s)		2012	Onondaga, NY	1056:1
Dentists	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	12	Maury	1744:1	1675:1	69	↑Bad ↓Good	1,663.00	Lehigh, PA	1224:1
Ratio of population to dentists To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 11 dental care providers would need to be recruited to the county. More importantly, if the county's value is greater than 5,000, this county would be considered a Health Professional Shortage Area.								Dauphin, PA	1481:1
Source			Area Health Resource File/American Medical Association		Year(s)		2013	Onondaga, NY	1394:1

Health Factors	Clinical Care	Mental Health Providers									
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		1	Knox	313:1	313:1	0	↑Bad ↓Good	753	Lehigh, PA	647:1	
		No action required.							Dauphin, PA	540:1	
		Source			CMS, National Provider Identification file		Year(s)		2014	Onondaga, NY	518:1
		Preventable Hospital Stays									
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		5	Williamson	49.14	46.67	2.47	↑Bad ↓Good	65.00	Lehigh, PA	62.61	
		For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.							Dauphin, PA	53.93	
		Source			Dartmouth Atlas of Health Care		Year(s)		2012	Onondaga, NY	55.79
		Diabetic Monitoring									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		16	Crockett	88.39%	88.92%	0.54%	↑Good ↓Bad	84.00%	Lehigh, PA	87.07%	
		For every 100 diabetic Medicare enrollees, get 1 additional Medicare enrollees to receive HbA1c screening.							Dauphin, PA	87.54%	
		Source			Dartmouth Atlas of Health Care		Year(s)		2012	Onondaga, NY	90.48%
		Mammography Screening									
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		10	Rutherford	65.71%	67.25%	1.54%	↑Good ↓Bad	63.00%	Lehigh, PA	65.99%	
		For every 100 female Medicare enrollees, get 2 additional Medicare enrollees to receive their mammography screening.							Dauphin, PA	56.88%	
		Source			Dartmouth Atlas of Health Care		Year(s)		2012	Onondaga, NY	70.96%
		High School Graduation									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		65	Carroll	89.80%	95.32%	5.52%	↑Good ↓Bad	80.00%	Lehigh, PA	82.42%	
		For every 100 ninth graders, assist 6 additional ninth graders to graduate within four years.							Dauphin, PA	82.65%	
		Source			data.gov, supplemented w/ National Center for Education Statistics		Year(s)		2011-2012	Onondaga, NY	79.05%
		Some College									
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		2	Williamson	70.86%	81.74%	10.88%	↑Good ↓Bad	63.00%	Lehigh, PA	62.16%	
		For every 100 adults between 25-44 years of age, assist 1089 additional adults to complete some coursework at the collegiate level.							Dauphin, PA	63.18%	
		Source			American Community Survey		Year(s)		2009-2013	Onondaga, NY	69.80%
		Unemployment									
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		7	Wilson	6.62%	6.53%	0.10%	↑Bad ↓Good	8.10%	Lehigh, PA	7.79%	
		For every 100 persons ages 16 years and older, help 1 persons successfully find employment.							Dauphin, PA	6.89%	
		Source			Bureau of Labor Statistics		Year(s)		2013	Onondaga, NY	7.04%
		Children in Poverty									
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		6	Robertson	20.30%	18.80%	1.50%	↑Bad ↓Good	23.00%	Lehigh, PA	22.20%	
		For every 100 children (under 18 years) in poverty, help 8 children to find assistance to get out of poverty.							Dauphin, PA	20.40%	
		Source			Small Area Income and Poverty Estimates		Year(s)		2013	Onondaga, NY	21.40%
		Income Inequality									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		61	Williamson	4.72	4.11	0.62	↑Bad ↓Good	NA	Lehigh, PA	4.59	
		To reach a household income ratio at or below that of the 10th ranking county reduce the gap between the 80th percentile and 20th percentile by 1 household(s).							Dauphin, PA	4.17	
		Source			American Community Survey		Year(s)		2009-2013	Onondaga, NY	4.95

Health Factors

Social & Economic Factors

Children in Single-Parent Households	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	34	Cheatham	28.94%	25.43%	3.51%	↑Bad ↓Good	21.00%	Lehigh, PA	35.97%
Percentage of children that live in a household headed by single parent	For every 100 single parent households in the county, investigate ways to encourage 13 households to be a multi-parent household.							Dauphin, PA	40.09%
Source	American Community Survey		Year(s)		2009-2013		Onondaga, NY	36.98%	
Social Associations	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
30	Henry	12.33	16.70	4.37	↑Good ↓Bad	33.00%	Lehigh, PA	10.78	
Number of membership associations per 10,000 population	For every 100 people in the county, increase the number of membership associations by 1.							Dauphin, PA	19.21
Source	County Business Patterns		Year(s)		2012		Onondaga, NY	10.80	
Violent Crime	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
80	Carter	541.68	206.33	335.35	↑Bad ↓Good	387.00	Lehigh, PA	268.69	
Number of reported violent crime offenses per 100,000 population	For every 100 persons in the county, prevent 62 people from committing a violent crime.							Dauphin, PA	509.90
Source	Uniform Crime Reporting - FBI		Year(s)		2010-2012		Onondaga, NY	357.06	
Injury Deaths	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
21	Fayette	75.65	68.81	6.84	↑Bad ↓Good	59.00	Lehigh, PA	62.98	
Number of deaths due to injury per 100,000 population	For every 1,000 population consider ways to prevent 91 deaths as a result of intentional and unintentional injury.							Dauphin, PA	55.33
Source	CDC WONDER mortality data		Year(s)		2008-2012		Onondaga, NY	54.59	
Air Pollution - Particulate Matter	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
22	Greene	13.34	13.14	0.20	↑Bad ↓Good	11.10	Lehigh, PA	11.88	
Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	Reduce the average daily measure of fine particulate matter by 0.2 micrograms per cubic meter (PM2.5).							Dauphin, PA	12.6
Source	CDC WONDER Environmental data		Year(s)		2011		Onondaga, NY	11.97	

Physical Environment

Drinking Water Violations	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
92	Anderson	24.09%	0.00%	24.09%	↑Bad ↓Good	8.00%	Lehigh, PA	5.62%	
Percentage of population potentially exposed to water exceeding a violation limit during the past year	For every 100 persons in the county exposed to water violations, assist 1 person(s) from exposure to health-based violations in public water systems.							Dauphin, PA	2.32%
Source	Safe Drinking Water Information System		Year(s)		FY2013-14		Onondaga, NY	18.35%	
Severe Housing Problems	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
64	Lewis	14.47%	10.96%	3.52%	↑Bad ↓Good	19.00%	Lehigh, PA	16.05%	
Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities	For every 100 persons in the county experiencing housing problems, help 25 person(s) to find housing assistance.							Dauphin, PA	13.23%
Source	Comprehensive Housing Affordability Strategy (CHAS) data		Year(s)		2007-2011		Onondaga, NY	15.17%	
Driving Alone to Work	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
56	Davidson	85.38%	80.03%	5.35%	↑Bad ↓Good	76.00%	Lehigh, PA	81.16%	
Percentage of the workforce that drives alone to work	For every 100 persons that currently drive alone to work, convince 7 to carpool or take mass-transportation.							Dauphin, PA	81.54%
Source	American Community Survey		Year(s)		2009-2013		Onondaga, NY	79.84%	
Long Commute - Driving Alone	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
6	Washington	22.30%	21.70%	0.60%	↑Bad ↓Good	34.00%	Lehigh, PA	27.30%	
Among workers who commute in their car alone, the percentage that commute more than 30 minutes	For every 100 persons that currently drive more than 30 minutes alone to work, convince 3 to carpool or take mass-transportation.							Dauphin, PA	22.50%
Source	American Community Survey		Year(s)		2009-2013		Onondaga, NY	16.80%	